

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of inputting text into a data processing apparatus, including the steps of:

a. providing a database of words that are arranged hierarchically into plural categories based on a common characteristic, each category having a plurality of levels;

b. advancing through the word hierarchy based on a sequence of keystrokes input by a user, the sequence of keystrokes being used to select a candidate word from the database;

c. displaying, in a first window, plural lines of text associated with the sequence of keystrokes, wherein each line of text represents a relationship between the candidate word and a respective category provided in the database as the user advances through the hierarchy;

d. iteratively selecting multiple lines of text from said plural lines of text shown in said first window based on the candidate word;

e. displaying said selected multiple lines of text in a second window; and

f. ~~arrange~~ arranging the candidate words of each selected line of text into a sentence.

2. (Original) The method of claim 1 wherein said data processing apparatus comprises a personal computer.

3. (Original) The method of claim 1 wherein said data processing apparatus comprises a personal digital assistant.

4. (Original) The method of claim 1 wherein said database of words is provided in a memory of said data processing apparatus.

5. (Previously Presented) The method of claim 1 wherein said output in said step (e) includes an audio output.

6.-9. (Cancelled)

10. (Currently Amended) The method of claim 1 wherein words comprising the selected ~~[[line]]~~ lines of text are displayed in said second window in a relational manner.

11. (Currently Amended) The method of claim 1 further ~~including~~ comprising:

adding additional words into said database.

12. (Currently Amended) The method of claim 1 further comprising:
allowing all occurrences of a word to be changed.

13. (Currently Amended) A ~~computer-readable~~ data carrier medium
containing a computer program configured and executable, when installed in a data
processing apparatus, to

(a) provide in said data processing apparatus a database of words that are
arranged hierarchically into plural categories based on a common characteristic,
each category having a plurality of levels,

(b) advance through the word hierarchy based on keystrokes input by a user,
the input keystrokes being used to select a candidate word from the database,

(c) display, in a first window, plural lines of text, each line of text representing
a relationship between the candidate word and a respective category provided in the
database as the user advances through the word hierarchy,

(d) iteratively select ~~[[a line]]~~ multiple lines of text from said plural lines of text
displayed in said first window based on the candidate word;

(e) display said selected multiple lines of text in a second window; and

(f) arrange the candidate words of each selected line of text into a sentence.

14. (Cancelled)

15. (Previously Presented) The medium of claim 13 wherein said medium
is an optically readable data disc.

16. (Previously Presented) The method of claim 1 wherein each line of text comprises plural words, each word representing a level in the word hierarchy and the words being separated by a "\" symbol.

17. - 19. (Canceled)

20. (Currently Amended) The method of claim ~~[[9]]~~ 1, further comprising: processing the ~~[[plural]]~~ multiple lines of text displayed in the second window based on interrelationships between the displayed words.

21. (Previously Presented) The method of claim 1, wherein the words are indexed in the database based on a common root feature.

22. (Previously Presented) The method of claim 1, wherein the common characteristic of words arranged hierarchically in the database includes at least one of a common significance and a common meaning of the words.

23. (Currently Amended) A method of inputting text into a data processing apparatus wherein words in a database are provided for current selection, the currently selected words being appended to a previously selected word whereby a sentence is formed, the method comprising the steps of:

- (a) arranging the words hierarchically in the database, based on a common characteristic, the hierarchical arrangement having plural categories wherein each category having a plurality of levels;
- (b) advancing through the word hierarchy based on a sequence of keystrokes input by a user, the sequence of keystrokes being used to select a candidate word from the database;
- (c) displaying, in a first window, plural lines of text associated ~~[[within]]~~ with the sequence of keystrokes, wherein each line of text represents a relationship between the candidate word and a respective category provided in the database as the user advances through the hierarchy;
- (d) iteratively selecting ~~[[a line]]~~ multiple lines of text from said plural lines of text shown in said first window based on the candidate word;
- (e) displaying said selected multiple lines of text in a second window; and
- (f) ~~arrange~~ arranging the candidate words of each selected line of text into the sentence.

24. (Previously Presented) The method of claim 23 wherein said data processing apparatus comprises a personal computer.

25. (Previously Presented) The method of claim 23 wherein said data processing apparatus comprises a personal digital assistant.

26. (Previously Presented) The method of claim 23 wherein said database of words is provided in a memory of said data processing apparatus.

27. (Previously Presented) The method of claim 23 wherein said output in said step (e) includes an audio output.

28. (Cancelled)

29. (Currently Amended) The method of claim ~~[[28]]~~ 23, further comprising:

processing the ~~[[plural]]~~ multiple lines of text displayed in the second window based on interrelationships between the displayed words.

30. (Currently Amended) The method of claim 23 wherein words comprising the selected ~~[[line]]~~ lines of text are displayed in said second window in a relational manner.

31. (Currently Amended) The method of claim 23 further ~~including~~ comprising:

adding additional words into said database.

32. (Currently Amended) The method of claim 23 further comprising:
allowing all occurrences of a word to be changed.

33. (Previously Presented) The method of claim 23 wherein each line of text comprises plural words, each word representing a level in the word hierarchy and the words being separated by a “\” symbol.

34. (Previously Presented) The method of claim 23, wherein the words are indexed in the database based on a common root feature.

35. (Previously Presented) The method of claim 23, wherein the common characteristic of words arranged hierarchically in the database includes at least one of a common significance and a common meaning of the words.

36. (Currently Amended) A ~~computer-readable~~ data carrier medium containing computer program that when installed in a data processing apparatus, provides words for current selection that are appended to a previously selected word whereby a sentence is formed, the computer-readable medium be configured to:

(a) provide in said data processing apparatus a database of words that are arranged hierarchically into plural categories based on a common characteristic, each category having a plurality of levels;

(b) advance through the word hierarchy based on keystrokes input by a user, the input keystrokes being used to select a candidate word from the database;

(c) display, in a first window, plural lines of text, each line of text representing a relationship between the candidate word and a respective category provided in the database as the user advances through the hierarchy;

- (d) iteratively select multiple lines of text from said plural lines of text shown in said first window based on the candidate word;
- (e) display said selected multiple lines of text in a second window; and
- (f) arrange the candidate words of each selected line of text into a sentence.

37. (Previously Presented) The medium of claim 36 wherein said medium is an optically readable data disc.